

METAL FIREBLOCK

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FIELD OF THE INVENTION

The present invention relates to building structure supports, brackets and the like. In particular, the present invention relates to a device that can stop the spread of fire as well as brace a vertical wall portion or a horizontal roof or ceiling portion. Briefly, the device is an in between stud distance spacer known in the framing business as a fireblock. The present invention has developed a metal counterpart to the original wood fireblock. The device is a bracket made to fit between framing members vertically or framing members horizontally. The present invention can be fastened to respective members with traditional bracket fasteners and is standardized to the length necessary for drywall, plywood or other materials. Therefore the length of the metal fireblock is both $14\frac{1}{2}$ inches and $22\frac{1}{2}$ inches. This will satisfy a need for 16 inch on center or 24 inch on center.

SUMMARY OF THE INVENTION

The metal fireblock of the present invention provides a properly spaced distance block for vertical and horizontal framing. Holes are provided for the use of standard Tico Nails to connect to the respective members. The old method of using wood blocks to stop fire is outdated since wood burns, whereby the metal fireblock is much safer. The length of the metal fireblocks makes framing where a proper distance is needed for 48 inch wide drywall or plywood, a great deal easier since the blocks are pre sized and eliminate the need to cut possibly hundreds of wood blocks to satisfy the need.

The objects and advantages of the present invention are obtained by the pre-sized length of the fireblock, making framing faster and more accurate. The advantages of shear nailing adds a certain strength to the construction that did not exist before the present invention. The protection afforded by using metal over wood probably surpasses any other benefit.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 shows a perspective view of the metal fireblock of the present invention.

DETAILED DESCRIPTION OF THE INVENTION

Referring to FIG. 1, the metal fireblock of the present invention is fireblock arm 1 and its counterpart nail holes 2. Connected to 1 is bracket flange 3. This curvature of metal adds support to the fireblock arm. Length arm 4 is the part of the present invention that blocks fire. Length arm flange 5 adds support like 3.